CORAL

Hand-held, 3-5µm Thermal Imaging Binocular Camera

Selected by the USMC

AN/PAS-22

Main Advantages & Features

- Lightweight and compact
- Ruggedized construction
- Long-range performance
- Low acoustic noise
- Continuous electronic zoom
- High resolution OLED display
- Fully adjustable binocular viewer
- Uses standard NSN batteries
- Designed and qualified IAW MIL-STD-810F

Applications

- Infantry, scouts and special forces
- Border, coastal and perimeter defense
- Security and special police forces
- Night sight for target acquisition systems, ground laser designators and weapon systems

Elbit Systems
Electro-optics - Elop

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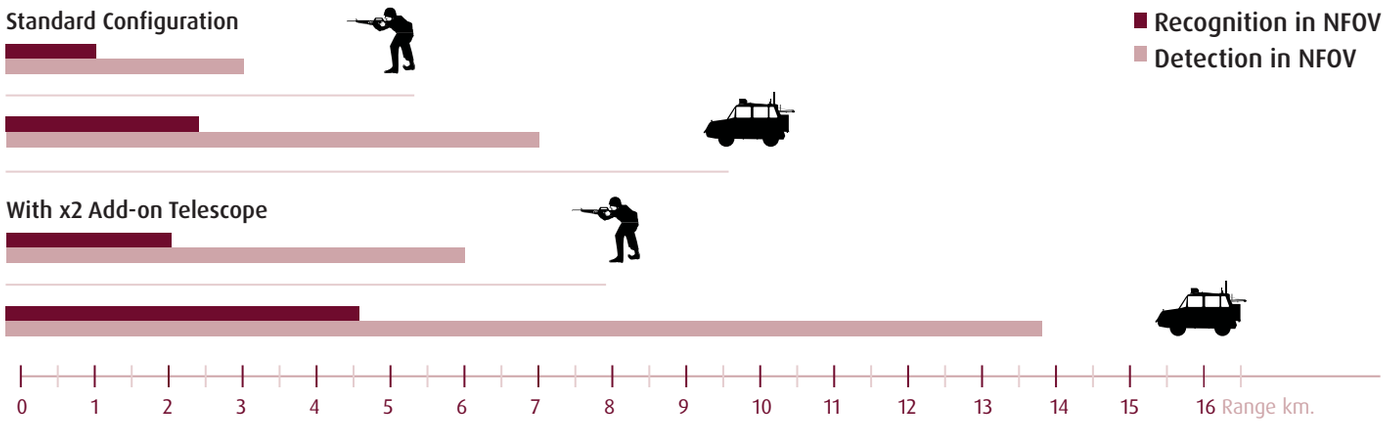
Options

- Add-on x2 telescope
- Clip-on laser pointer

Technical Data

Spectral band	3-5µm
Entrance aperture	50 mm
Fields of view:	
Narrow	2.7˚ x 2.2˚
Wide	8.2˚ x 6.6˚
Electronic zoom	x1 to x4, continuous
Detector	InSb FPA
Cooler	Stirling closed cycle, integral with dewar
Video signal	CCIR or RS170
Video-out connector	BNC
Display	Miniature, high resolution OLED
Viewer	Binocular, fully adjustable
Comm. port	Serial, RS422
Power sources options	Rechargeable, disposable, external AC or DC
Weight	2.9 kg (including battery)
Operating temperature	-30˚C to +55˚C
Environmental conditions	IAW MIL-STD-810F

Range Performance:



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